

# Azure DevOps

arunjabov.visualstudio.com/Bootcamp2/\_apps/hub/ms.vss-ciworkflow.build-ci-hub?\_a=edit-build-definition&id=1

Apps Material-UI https://appstorec... materialize - cdnjs... 5 Software Engine... Best Software Eng... 2018 FIFA World... ESPN: The World...

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Bootcamp2

Overview Boards Repos Pipelines Environments Releases Library Task groups Deployment groups

Bootcamp2-Docker containe...

Tasks Variables Triggers Options Retention History Save & queue Discard Summary

Pipeline Build pipeline

Get sources repository master

Agent job 1 Run on agent

Maven pom.xml Maven

Build an image Docker

Push an image Docker

Name \* Bootcamp2-Docker container-CI

Agent pool \* Azure Pipelines

Agent Specification \* ubuntu-16.04

Parameters

This pipeline doesn't have any pipeline parameters. Create them to share the most important settings between tasks and change them in one place.

Learn more

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Pipeline Build pipeline

Get sources repository master

Agent job 1 Run on agent

Maven pom.xml Maven

Build an image Docker

Push an image Docker

Maven

Task version 3.\*

Display name \* Maven pom.xml

Maven POM file \* pom.xml

Goal(s) clean package

Options

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Apps Material-UI https://appstorec... materialize - cdnjs... 5 Software Engine... Best Software Eng... 2018 FIFA World... ESPN: The World...

Azure DevOps arunjab / Bootcamp2 / Pipelines Search

Bootcamp2 +

- Overview
- Boards
- Repos
- Pipelines
- Environments
- Releases
- Library
- Task groups
- Deployment groups
- Project settings

... > Bootcamp2-Docker containe...

Tasks Variables Triggers Options Retention History Save & queue Discard Summary

Pipeline Build pipeline

Get sources repository master

Agent job 1 Run on agent

- Maven pom.xml Maven
- Build an image Docker
- Push an image Docker

Docker Registry Service Connection bootcamp2-docker-demo-Connection Manage + New

Action \* Build an image

Docker File \* \*\*/Dockerfile

Build Arguments

Use Default Build Context

Image Name \* myladorinfotech/cicd-springboot:4.0

@Attila Sz x Using Doc x Ultimati: x Google Cl x bootcamp x DevOps\_R x Settings x New relea x Apps - Sp x +

arunjab.visualstudio.com/Bootcamp2/\_releaseDefinition?definitionId=1&a=definition-tasks&environmentId=1

Apps Material-UI https://appstorec... materialize - cdnjs... 5 Software Engine... Best Software Eng... 2018 FIFA World... ESPN: The World...

Azure DevOps arunjab / Bootcamp2 / Pipelines / Releases / New release pipeline Search

Bootcamp2 +

- Overview
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- Deployment groups
- Project settings

All pipelines > New release pipeline Save Create release

Pipeline Tasks Variables Retention Options History

Stage 1 Deployment process

Agent job Run on agent

- Install Cloud Foundry CLI 6.43.0 Cloud Foundry CLI Install
- cf Push Cloud Foundry CLI

Cloud Foundry CLI View YAML

Task version 0.\*

Display name \* cf Push

Cloud Foundry Endpoint \* PCF Connection Manage

Command \* push

Arguments cicd-springboot:4.0 --image myladorinfotech/cicd-springboot:4.0

arunjabo.visualstudio.com/Bootcamp2/\_releaseDefinition?definitionId=1&a=environments-editor-preview

Apps Material-UI https://appstorec... materialize - cdnjs... 5 Software Engine... Best Software Eng... 2018 FIFA World... ESPN: The World...

Azure DevOps arunjabo / Bootcamp2 / Pipelines / Releases / New release pipeline Search Save Create release

Bootcamp2 Overview Boards Repos Pipelines Pipelines Environments Releases Library Task groups Deployment groups

All pipelines > New release pipeline

Pipeline Tasks Variables Retention Options History

Artifacts | + Add

Stages | + Add

\_Bootcamp2-Docker

Schedule not set

Stage 1  
1 job, 2 tasks

arunjabo.visualstudio.com/Bootcamp2/\_releaseDefinition?definitionId=1&a=definition-tasks&environmentId=1

Apps Material-UI https://appstorec... materialize - cdnjs... 5 Software Engine... Best Software Eng... 2018 FIFA World... ESPN: The World...

Azure DevOps arunjabo / Bootcamp2 / Pipelines / Releases / New release pipeline Search Save Create release ...

Bootcamp2 Overview Boards Repos Pipelines Pipelines Environments Releases Library Task groups Deployment groups

All pipelines > New release pipeline

Pipeline Tasks Variables Retention Options History

Stage 1  
Deployment process

Agent job  
Run on agent

Install Cloud Foundry CLI 6.43.0  
Cloud Foundry CLI Install

cf Push  
Cloud Foundry CLI

Cloud Foundry CLI View YAML

Task version 0.\*

Display name \*  
cf Push

Cloud Foundry Endpoint \* Manage

PCF Connection

Command \*  
push

Arguments  
cicd-springboot:4.0 --image myladorinfotech/cicd-springboot:4.0

arunjab.visualstudio.com/Bootcamp2/\_releaseProgress?releaseId=1&a=release-pipeline-progress

Azure DevOps

Bootcamp2

New release pipeline > Release-1

Pipeline Variables History + Deploy Cancel Refresh Edit ...

Release

Manually triggered  
by arunjac  
24/07/2020, 23:19

Artifacts

\_Bootcamp2-Docker c...  
20200724.1  
master

Stages

Stage 1  
Succeeded  
on 24/07/2020, 23:24

arunjab.visualstudio.com/Bootcamp2/\_releaseProgress?releaseId=1&a=release-environment-logs&environmentId=1

Azure DevOps

Bootcamp2

New release pipeline > Release-1 > Stage 1 Succeeded

Pipeline Tasks Variables Logs Tests Deploy Cancel Refresh Download all logs Edit ...

Deployment attempt #2  
Succeeded

Agent job  
Succeeded

Agent job  
Pool: Azure Pipelines · Agent: Hosted Agent  
Started: 24/07/2020, 23:23:29  
... 32s

Initialize job · succeeded	2s
Install Cloud Foundry CLI 6.43.0 · succeeded	3s
cf Push · succeeded	26s
Finalize Job · succeeded	<1s

cf Push

2020-07-24T17:53:41.7611079Z Staging app and tracing logs...

2020-07-24T17:53:42.6616977Z Cell b5e3eed0-6e53-49d1-aa8b-ce3443efac4a creating container for instance 89cdcfb5-

2020-07-24T17:53:43.5610214Z Cell b5e3eed0-6e53-49d1-aa8b-ce3443efac4a successfully created container for instar

2020-07-24T17:53:43.5611062Z Staging...

2020-07-24T17:53:43.8610385Z Staging process started ...

2020-07-24T17:53:44.1616498Z Staging process finished

2020-07-24T17:53:44.4614995Z Exit status 0

2020-07-24T17:53:44.4615734Z Staging Complete

2020-07-24T17:53:45.0612965Z Cell b5e3eed0-6e53-49d1-aa8b-ce3443efac4a stopping instance 89cdcfb5-2df1-4758-9a4-

2020-07-24T17:53:45.0616011Z Cell b5e3eed0-6e53-49d1-aa8b-ce3443efac4a destroying container for instance 89cdcfi

2020-07-24T17:53:45.2686939Z

2020-07-24T17:53:45.2687995Z Waiting for app to start...

2020-07-24T17:54:00.7792844Z

2020-07-24T17:54:01.6179101Z name: cicd-springboot:4.0

2020-07-24T17:54:01.6184396Z requested state: started

2020-07-24T17:54:01.6184806Z routes: cicd-springboot40.cfapps.io

2020-07-24T17:54:01.6185336Z last uploaded: Fri 24 Jul 17:53:44 GMT 2020

2020-07-24T17:54:01.6185660Z stack:

2020-07-24T17:54:01.6186014Z docker image: myladoorinfotech/cicd-springboot:4.0

2020-07-24T17:54:01.6186273Z

2020-07-24T17:54:01.6186498Z type: web

2020-07-24T17:54:01.6186751Z instances: 1/1

2020-07-24T17:54:01.6187026Z memory usage: 1024M

2020-07-24T17:54:01.6187322Z start command: java -jar app.jar

state	since	cpu	memory	disk	details
running	2020-07-24T17:53:59Z	0.0%	92.2M of 1G	116M of 1G	

2020-07-24T17:54:01.6189837Z

console.run.pivotal.io/organizations/234554e4-267f-49e1-a940-fb524e7917d5/spaces/5e38bb41-8946-4217-a887-6cfba6212402

Pivotal Web Services

Search apps, services, spaces, & orgs

press **/**

ucearun@gmail.com

Space <<

Apps (2)

Services

Member (1)

Settings

Networking

Routes (5)

Marketplace

Info: Your org, "ucearun-org", is still in trial. To get access to 25GB of memory and paid service plans, [upgrade now](#)

Home > ucearun-org

SPACE

development

RUNNING STOPPED DOWN

1 0 0

Apps

Status	Name	Instances	Memory	Last Update	Route
STARTING	cicd-springboot:4.0	1	1 GB	0 min	<a href="https://cicd-springboot4...">https://cicd-springboot4...</a>
RUNNING	myladorinfotech/cicd-springboot:36.0	1	1 GB	13 hr 27 min	<a href="https://myladorinfotec...">https://myladorinfotec...</a>

console.run.pivotal.io/organizations/234554e4-267f-49e1-a940-fb524e7917d5/spaces/5e38bb41-8946-4217-a887-6cfba6212402

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Home > ucearun-org

SPACE

development

RUNNING STOPPED DOWN

2 0 0

Apps

Status	Name	Instances	Memory	Last Update	Route
RUNNING	cicd-springboot:4.0	1	1 GB	3 min	<a href="https://cicd-springboot4...">https://cicd-springboot4...</a>
RUNNING	myladorinfotech/cicd-springboot:36.0	1	1 GB	13 hr 30 min	<a href="https://myladorinfotec...">https://myladorinfotec...</a>

cicd-springboot40.cfapps.io

Apps

Material-UI

https://appstorec...

materialize - cdnjs...

5 Software Engine...

Best Software Eng...

2018 FIFA World...

ESPN: The World...

**Congratulations!!! Welcome to the World of DevOps**